

IN THE CLAIMS

The status of the claims is listed below.

1. (Currently Amended) A polyether obtained by reacting 1-butene oxide and an alcohol in the presence of a double metal cyanide compound as a catalyst, ~~and wherein the content of unsaturated components is 6 mol% or more, and~~ wherein the content of unsaturated components is from 8 7 mol% to 30 50 mol%.

Claim 2: (Canceled).

3. (Previously Presented) The polyether as claimed in Claim 1, wherein the alcohol has from 2 to 24 carbon atoms.

4. (Previously Presented) The polyether as claimed in Claim 1, wherein the alcohol is a monofunctional alcohol.

5. (Previously Presented) The polyether as claimed in Claim 1, wherein

(A) the polyether has a viscosity at 40°C of from 20 to 330 mm²/s; or

(B) the polyether has an oxygen content of at least 15.5%.

6. (Previously Presented) A process for preparing the polyether as claimed in Claim 1, the process comprising:

reacting 1-butene oxide and an alcohol in the presence of a double metal cyanide compound as a catalyst.

Claim 7: (Canceled).

8. (Previously Presented) A carrier oil formulation comprising at least one polyether as claimed in Claim 1.

9. (Previously Presented) A carrier oil formulation as claimed in Claim 8, which is an additive package for gasoline fuels.

10. (Previously Presented) A fuel comprising at least one polyether as claimed in Claim 1.

11. (Previously Presented) A carrier oil formulation comprising a polyether obtained by the process as claimed in Claim 6.

12. (Previously Presented) A carrier oil formulation as claimed in Claim 11, which is an additive package for gasoline fuels.

13. (Previously Presented) A fuel comprising a polyether obtained by the process as claimed in Claim 6.

14. (Previously Presented) A fuel comprising a carrier oil formulation as claimed in Claim 8.

15. (Previously Presented) A fuel comprising a carrier oil formulation as claimed in Claim 11.